

**FORSPAN ASSESSMENT MODEL FOR CONTINUOUS  
ACCUMULATIONS--BASIC INPUT DATA FORM (NOGA, Version 9, 2-10-03)**

**IDENTIFICATION INFORMATION**

Assessment Geologist:	Mark A. Kirschbaum	Date:	9/8/2003
Region:	North America	Number:	5
Province:	Wyoming Thrust Belt	Number:	5036
Total Petroleum System:	Thrust Belt Coalbed Gas	Number:	503602
Assessment Unit:	Frontier-Adaville-Evanston Coalbed Gas	Number:	50360281
Based on Data as of:	Wyoming Oil and Gas Commission		
Notes from Assessor:	Analog: Uinta Basin Blackhawk Coalbed Gas, 50200281 and Central Coal Fairway/Buzzards Bench, 50200182		

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**CHARACTERISTICS OF ASSESSMENT UNIT**

**Assessment-unit type:** Oil (<20,000 cfg/bo) or Gas ( $\geq$ 20,000 cfg/bo), incl. disc. & pot. additions Gas

**What is the minimum total recovery per cell?** 0.02 (mmbo for oil A.U.; bcfg for gas A.U.)

Number of tested cells: 2

Number of tested cells with total recovery per cell  $\geq$  minimum: 0

Established (discovered cells): \_\_\_\_\_ Hypothetical (no cells): X

Median total recovery per cell (for cells  $\geq$  min.): (mmbo for oil A.U.; bcfg for gas A.U.)

1st 3rd discovered	2nd 3rd	3rd 3rd
_____	_____	_____

**Assessment-Unit Probabilities:**

<u>Attribute</u>	<u>Probability of occurrence (0-1.0)</u>
1. <b>CHARGE:</b> Adequate petroleum charge for an untested cell with total recovery $\geq$ minimum.	1.0
2. <b>ROCKS:</b> Adequate reservoirs, traps, seals for an untested cell with total recovery $\geq$ minimum.	1.0
3. <b>TIMING:</b> Favorable geologic timing for an untested cell with total recovery $\geq$ minimum.	1.0

**Assessment-Unit GEOLOGIC Probability** (Product of 1, 2, and 3): 1.0

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**NO. OF UNTESTED CELLS WITH POTENTIAL FOR ADDITIONS TO RESERVES**

1. Total assessment-unit area (acres): (uncertainty of a fixed value)

calculated mean 502,000 minimum 437,000 mode 486,000 maximum 583,000

2. Area per cell of untested cells having potential for additions to reserves (acres): (values are inherently variable)

calculated mean 110 minimum 40 mode 40 maximum 250

uncertainty of mean: minimum 55 maximum 165

3. Percentage of total assessment-unit area that is untested (%): (uncertainty of a fixed value)

calculated mean 100 minimum 100 mode 100 maximum 100

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**NO. OF UNTESTED CELLS WITH POTENTIAL FOR ADDITIONS TO RESERVES  
(Continued)**

4. Percentage of untested assessment-unit area that has potential for additions to reserves (%):  
(a necessary criterion is that total recovery per cell  $\geq$  minimum; uncertainty of a fixed value)

calculated mean 17      minimum 1      mode 10      maximum 41

Geologic evidence for estimates: Estimated areas of coal with sufficient overburden and symmetric historic success ratios of the two analog areas.

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**TOTAL RECOVERY PER CELL**

Total recovery per cell for untested cells having potential for additions to reserves:  
(values are inherently variable; mmbo for oil A.U.; bcfg for gas A.U.)

calculated mean 0.46      minimum 0.02      median 0.4      maximum 2

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**AVERAGE COPRODUCT RATIOS FOR UNTESTED CELLS, TO ASSESS COPRODUCTS  
(uncertainty of fixed but unknown values)**

Oil assessment unit:	minimum	mode	maximum
Gas/oil ratio (cfg/bo)	_____	_____	_____
NGL/gas ratio (bngl/mmcfg)	_____	_____	_____
Gas assessment unit:			
Liquids/gas ratio (bliq/mmcfg)	<u>0</u>	<u>0</u>	<u>0</u>

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**SELECTED ANCILLARY DATA FOR UNTESTED CELLS**

(values are inherently variable)

Oil assessment unit:	minimum	mode	maximum
API gravity of oil (degrees)	_____	_____	_____
Sulfur content of oil (%)	_____	_____	_____
Depth (m) of water (if applicable)	_____	_____	_____
Drilling depth (m)			
minimum	F75	mode	F25
_____	_____	_____	_____
Gas assessment unit:	minimum	mode	maximum
Inert-gas content (%)	2.00	5.00	9.00
CO <sub>2</sub> content (%)	1.00	5.00	11.00
Hydrogen sulfide content (%)	0.00	0.00	0.00
Heating value (BTU)	_____	_____	_____
Depth (m) of water (if applicable)	_____	_____	_____
Drilling depth (m)			
minimum	F75	mode	maximum
100	_____	1000	1830
Success ratios:	calculated mean	minimum	maximum
Future success ratio (%)	60	30	90
Historic success ratio, tested cells (%)	_____		

Completion practices:

1. Typical well-completion practices (conventional, open hole, open cavity, other) Open cavity
  2. Fraction of wells drilled that are typically stimulated 100%
  3. Predominant type of stimulation (none, frac, acid, other) Low
  4. Fraction of wells drilled that are horizontal Low
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**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO STATES**  
**Surface Allocations** (uncertainty of a fixed value)

1. Wyoming represents 81.61 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 70 \_\_\_\_\_

2. Utah represents 16.35 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 30 \_\_\_\_\_

3. Idaho represents 2.03 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 0 \_\_\_\_\_

4. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

5. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

6. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

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7. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

8. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

9. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

10. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

11. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

12. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

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**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO GENERAL LAND OWNERSHIPS**  
**Surface Allocations (uncertainty of a fixed value)**

1. Federal Lands represents 48.47 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 49 \_\_\_\_\_

2. Private Lands represents 47.81 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 43 \_\_\_\_\_

3. Tribal Lands represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

4. Other Lands represents 0.06 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 0 \_\_\_\_\_

5. WY State Lands represents 3.65 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 8 \_\_\_\_\_

6. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

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7. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

8. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

9. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

10. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

11. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

12. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

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**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO FEDERAL LAND SUBDIVISIONS**  
**Surface Allocations (uncertainty of a fixed value)**

1. Bureau of Land Management (BLM) represents 20.38 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 21 \_\_\_\_\_

2. BLM Wilderness Areas (BLMW) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

3. BLM Roadless Areas (BLMR) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

4. National Park Service (NPS) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

5. NPS Wilderness Areas (NPSW) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

6. NPS Protected Withdrawals (NPSP) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

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7. US Forest Service (FS) represents 28.08 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 28 \_\_\_\_\_

8. USFS Wilderness Areas (FSW) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

9. USFS Roadless Areas (FSR) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

10. USFS Protected Withdrawals (FSP) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

11. US Fish and Wildlife Service (FWS) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

12. USFWS Wilderness Areas (FWSW) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

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13. USFWS Protected Withdrawals (FWSP) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

14. Wilderness Study Areas (WS) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

15. Department of Energy (DOE) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

16. Department of Defense (DOD) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

17. Bureau of Reclamation (BOR) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

18. Tennessee Valley Authority (TVA) represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

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19. Other Federal \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

20. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

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**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO ECOSYSTEMS**  
**Surface Allocations** (uncertainty of a fixed value)

1. Bear Lake (BRLK) represents 51.73 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 63 \_\_\_\_\_

2. Northwestern Basin and Range (NWBR) represents 1.02 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 0 \_\_\_\_\_

3. Overthrust Mountains (OVMT) represents 43.84 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 36 \_\_\_\_\_

4. Uinta Mountains (UTMT) represents 3.41 area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ 1 \_\_\_\_\_

5. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

6. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

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7. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

8. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

9. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

10. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

11. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

12. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Gas in gas assessment unit: minimum mode maximum  
Volume % in entity \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

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